AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph starting on p. 2, line 16, with the following paragraph:

Currently, shared application systems lack a sufficient means for verifying the synchronization of applications consisting of images. The current technologies for synchronization verification include the exclusive "OR" (*i.e.*, XOR), thumbnail image, and cyclic redundancy check methods.

Please replace the paragraph starting on p. 8, line 3, with the following paragraph:

FIGS. 8A and 8B are flow charts ~~flow charts~~ collectively illustrating an example of the remote X server in the example window correlation system, as shown in FIGS. 1, 2B, 3, and 4.

Please replace the paragraph starting on p. 16, line 18, with the following paragraph:

Server systems today, such as local network server 21, access and process client applications or resources, required by a local user by using the central processor unit 22, storage device 23, and memory 31 with an operating system 32. The processor accepts data from memory 31 and storage device 23 over a local interface 28 (*i.e.*, a bus). Directions from the local user can be signaled to the local network server 21 by using the input devices such as mouse 24 and keyboard 25. The actions input and results output are displayed on a display device such as, but not limited to terminal 26. The local network server 21 provides access to communication facilities via modem 27 to transport commands from the local user to other resources connected to the network 9.

Please replace the paragraph starting on p. 20, line 7, with the following paragraph:

a4

If the applications that the user indicated to be shared are enabled for sharing, the local X server 100 indicates, at step 112, the applications selected to be shared with the local sharedapp process [[400]]200. The local X server 100 receives a request from the local sharedapp process [[400]]200 for the local window tree structures for applications to be shared at step 113. At step 114, the local X server 100 returns the local window tree structures to the local sharedapp process [[400]]200.

Please replace the paragraph starting on p. 20, line 12, with the following paragraph:

a5

At step 115, the local X server 100 maintains the local window tree structures with the local sharedapp process [[400]]200 while processing shared events. This process is herein defined in further detail with regard to FIG. 5B.

Please replace the paragraph starting on p. 34, line 18, with the following paragraph:

a6

At step 353, the buffer send device-input event process 340 sends the device-input event to the remote sharedapp process 400 and increments the sent event count. The buffer send device-input event process 340 then exits [[tt]]at step 359.

Please replace the paragraph starting on p. 50, line 10, with the following paragraph:

a7

At step 584, the remote sharedapp buffer process 580 waits to receive a buffering event reply from the remote [[ex]]X server 600. When a buffering event reply is received from the remote X server 600, the remote sharedapp buffer process 580 injects an event in the buffer to the remote X server 600 at step 585.